

Ruby-throated Hummingbird (RTHU)

Flower Species Visit Protocol Field Guide (U.S. and Canada)

Task

To count the number of times RTHUs visit different flower species during 45 minutes. Observations may be continued during consecutive and/or subsequent hours to see if hummingbird flower selection changes throughout the day.)

What You Need

- ☐ Pencil or pen
- ☐ Clipboard
- ☐ Bird identification guide
- ☐ *Ruby-throated Hummingbird Flower Species Visit Data Sheet*
- ☐ Binoculars (optional)
- ☐ Local wildflower and cultivated flower identification guides
- ☐ Camera (optional)

In the Field

1. Fill out the top of the *Ruby-throated Hummingbird Flower Species Visit Data Sheet*. Record date and time period when observations are made.
2. Identify the different flower species. Record flower species on the *Ruby-throated Hummingbird Flower Species Visit Data Sheet*. If you are unable to identify the flower to species, at least take it to genus level.
3. Take a close-up photograph of any flower species that is visited by a hummingbird at your study site. Submit following the instructions in the *Implementation Guide*. This will allow verification of the identification to species.
4. For each RTHU seen during the 45 minutes, identify its sex and age if possible.
5. For each flower species, record by the following categories:
 - Red-throated adult male (March through October)
 - Adult female (white-throated, March and April only)
 - Undetermined sex (if throat is not observed)
 - Undetermined sex (adult female/young female/young male, May through October, if throat is unmarked)
 - Young male (if throat is heavily streaked in green or black and/or has one or more red feathers)

Note 1: If an individual bird enters the garden and feeds on several flowers, it counts as only one visit; if it perches within view and returns to the flowers, it still counts as one visit; only if the bird leaves the field of view and returns can it be counted again, and then it should be counted again even if you think it may be the same bird.

Note 2: If you see a color-marked or unusual RTHU, other species of hummingbirds (vagrants), or ANY hummingbird from mid-October through mid-March, describe the color markings and shape of beak. Record your observations on the *Ruby-throated Hummingbird Sighting Data Sheet*. Contact Hilton Pond Center for Piedmont Natural History at research@hiltonpond.org or (803) 684-5852 as soon as possible.